


INTERNATIONAL SEARCH REPORT

International Application No
T/IB2004/050640

| A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F13/38 | | |
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| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G06F | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | US 2002/116565 A1 (WANG JING ET AL) 22 August 2002 (2002-08-22) paragraphs '0035!', '0040!', '0042!', '0051!', '0139!' - '0142!; figure 5 | 1-12 |
| A | US 6 119 190 A (GARNEY JOHN I) 12 September 2000 (2000-09-12) column 2, line 16 - column 3, line 53 | 1-12 |
| A | US 6 496 869 B1 (CHENG SHELLEY) 17 December 2002 (2002-12-17) abstract paragraphs '0046!', '0054! | 1-12 |
| A | US 6 470 409 B1 (RIDGEWAY DAVID J) 22 October 2002 (2002-10-22) abstract paragraphs '0095!' - '0098! | 1-12 |
| -/-- | | |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. | | |
| * Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *Z* document member of the same patent family | | |
| Date of the actual completion of the international search 22 October 2004 | | Date of mailing of the international search report 02/11/2004 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | | Authorized officer Juenger, B |

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| A | EP 0 632 390 A (NEDERLAND PTT) 4 January 1995 (1995-01-04) abstract | 1-12 |
| A | EP 0 530 363 A (KOMATSU MFG CO LTD) 10 March 1993 (1993-03-10) column 24, lines 45-56 | 1-12 |

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Paper Copy (NOT for submission)

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| VIII-2-1 | Declaration: Entitlement to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate: Name (LAST, First) | in relation to this international application KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled to apply for and be granted a patent by virtue of the following: |
| VIII-2-1(ii) | | KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, NG, Chee, Y. |
| VIII-2-1(ii) | | KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, CHANG, Yeow, K. |
| VIII-2-1(ii) | | KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, SHARMA, Kawshol |
| VIII-2-1(ii) | | KONINKLIJKE PHILIPS ELECTRONICS N.V. is entitled as employer of the inventor, VERTENTEN, Bart |
| VIII-2-1(ix) | This declaration is made for the purposes of: | all designations except the designation of the United States of America |